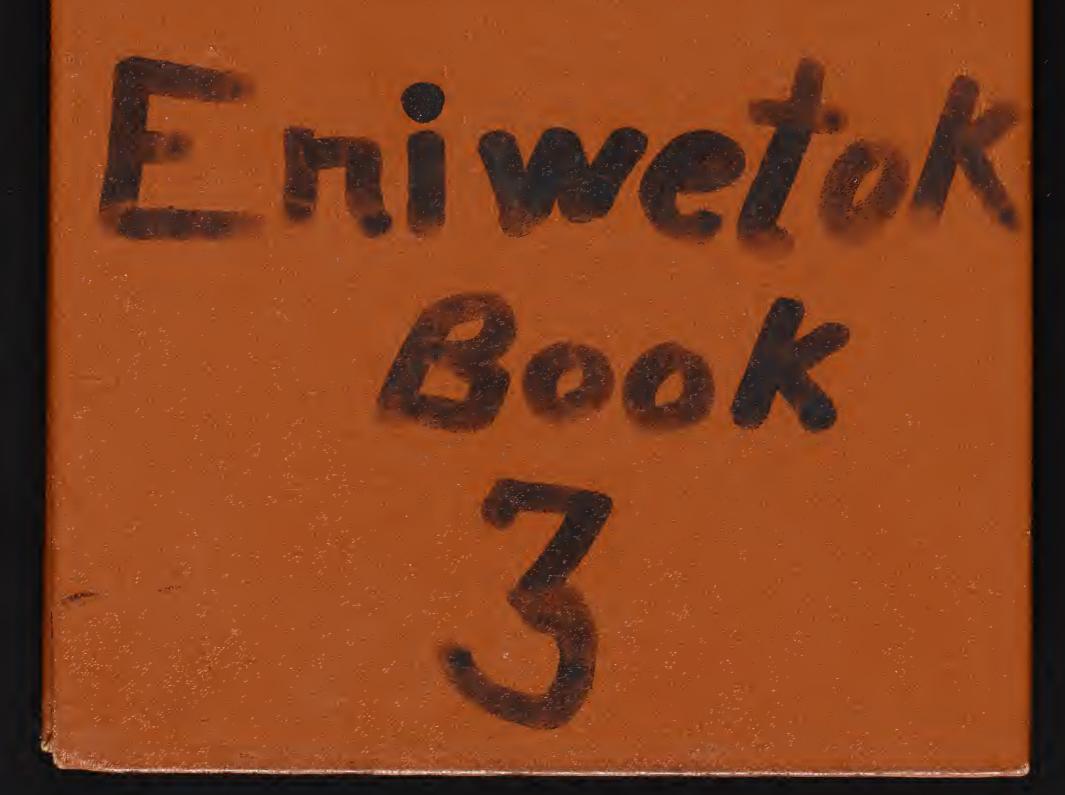


DEPARTMENT OF THE INTERIOR

APPROVED DECEMBER 1941



Samples to Cole A-18 / from botton \ 2003 = \ 3-18" from botton \ 2028 \ 3001 7/5/52 C = 2805] 44 200 10-2807 2802-2808 1 Notes on cores -2003-2028-2150,16 2802 - 2808 - 121 3 - 4078 - 4100 - 8-29 4-4208-4211 - +035-37 4216 - 4222-J PN 38-49 Notes on cuttenss P.3, 7, 17, 25, 31 Book 5 1952 F.- / FINUSTOK - Site Elina June 14 ~ Tues - RAM - 4 MM - Zody

Notes on cultings F. 3, 7,17, 25, 31 Book 3 1952 E.- / Fallystok - Site Elm Julic 24 ~ Tues - 5AM - 4PM - Zeal Spydder in 10 AM 0-10 - No som is jull me surements
when top of rotory table - millions 10-1500 Similes caught in trough, 30-35-2 " using chain as dain, alegining out trough each 35-40-21. tons, there was 11-11, - properly beat 40-40-201 men orito - inter tide! - Sec maybe at correct 12:10 = many street and and 5-74 74'-82 Dille ctilling Time legal much so your Spring of to get a med recht deith the being for 10 - ft to be well

samples to Cole ----7/53674-1/17 F 4. 3 61 1-1 1738.5 = 0 Tiel vert of 215 / 7.48 garage on ft. 3392 24 Cap. 0/ 1=16 - 29.198 Hard 85-86' -duilled to 130'; per 19 styck,

Hold 85-86 -duilled to 130'; nearly stucking fole in attempt ng 5 licker connection; on to 145 - pulled out 5 ream Totes 1/20 June 25 ~ Wed. Finished realing of am ; circulated and built up mud to viscosily #2 ladded 16 secks Aquagel and 2 ch lime) - heavy cuttings coming out - 830 pulled st of hole to run dosing -9.30 start reming even =11:00 - /ast = 4 /ah = 13 18 case) 12. -12 " in shed comment - 130 sects. JUIC 26 ATHURS W.O.C. - PERMEC AVAILAGETE Myre pit Zongel 27 = Fr1 = 7111 - 4PM Lodo JUME Drilling thru 40' cement 12:25 pm - lost circulation 430 shut down to all Flants, sawdust and you wood 12 45 - Wall + 156 - - well a from ctures -127-11/21 - 7011 = 12111 475- 5= 1 in 2.3 minutes but valume low (20 = 3 4) - John F. 450' - - - Wing 500 - 508 - working /ange

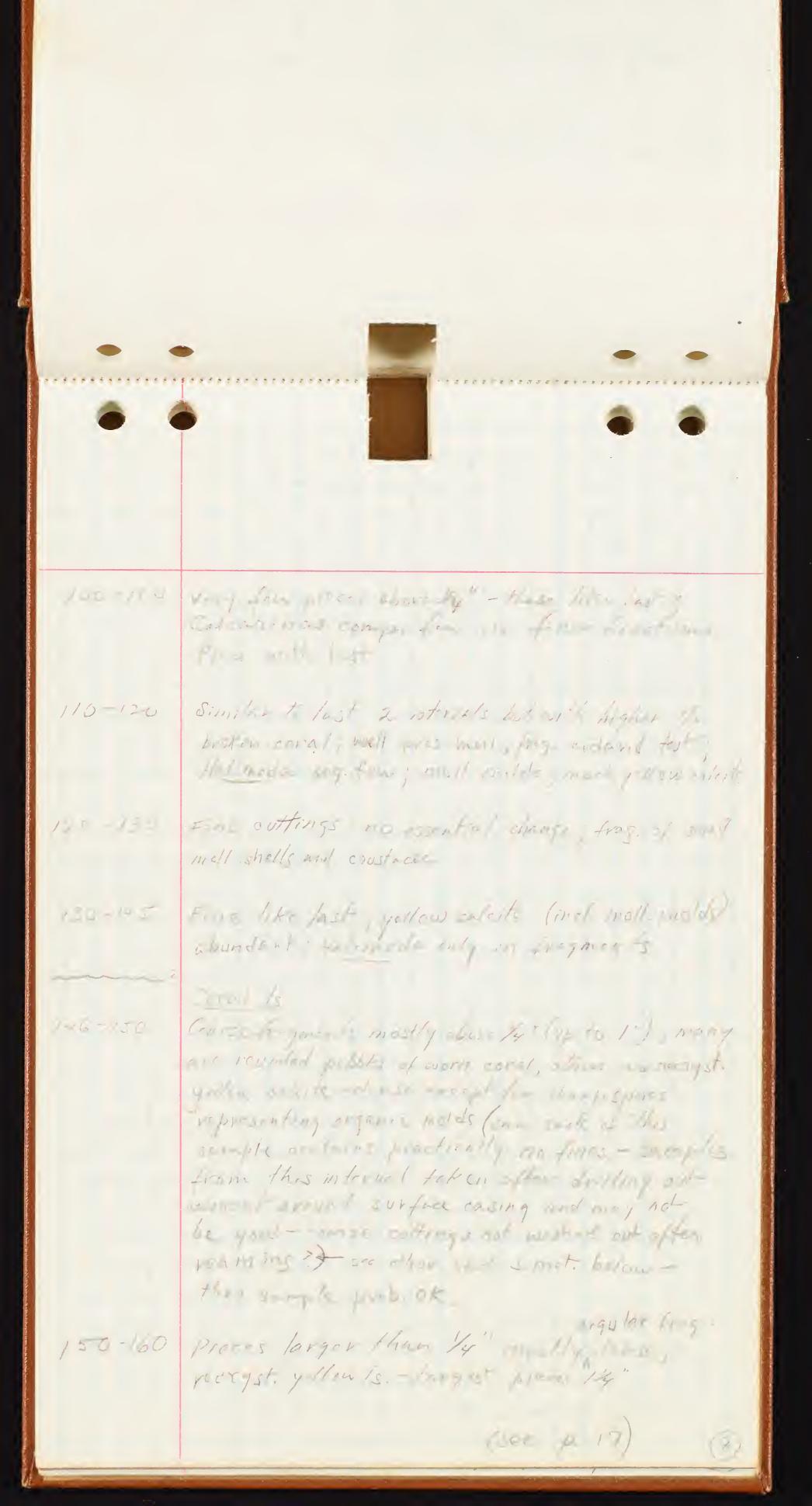
Notes on Cuttings = E-1 Cream-colored sand made is chiefy in more exts wern we a you for mis to me many with spines or your basis, there included and others). Wennesday frequent the same 100111 place He Luy de represent the sound of the first of the street 12011. She s, many spilly Celebrains in the corel fress up to 2/2 "- Halance yave 30-35 - Some son - 1 + some more with president Jame as fact - Homerica depris 35 - 40 49 = 75 Same = 32-35 Roger ded cerel ground the number long, which, women INSTITUTE TO WELL COURSE TO BE MINE TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO T and other debrief feel poses driver every four Hornatorma, when Song large Fell young wormy of the trapment and southly broken not 1-1 Harristy ave from larger trees desired Majorned a marrie tite box & green non-Life Dar K. San T. Carlo man and advantage of fire to I me - mostly & they worth. Sumiter to test - many work-row gol only from (515 1 7) - 1/ the was the many any allowing top

on to so, shot down to change and prime pulling - changed by last-arch Makerel - content to the content of the comment Con This Cont of 1168 6/95/6, But Amidnight . From English. local circulation of the contraction and the true of the same I Lat alamen to be stone >1167-1174- Egila Celling 2,25 N # Prens 100 16 delivery substitutes the repulsal with the mind pit 373 11 11 Lunde 12 2.

File Lynn Committee Telephone graing families concerned to mere, amortel extend of ment by alman 6,45 = Dailed 13 1207 ELL - 12 - 12 - 12 - 26 - 26 - 2 and the factory. Fellen Steeling a dest Fel 6 1 to 1 to at mother - Set. - 8114 - 4 1914 - 22d1 - Com-119 out at licke 1 1207 (zemel beg - Et with proce hand ton to stock in CENTER, FATTER frozen, Stars some when but not four dulling on but put on 15

may bit. Between 1 - man / y does To please my locked befores comes. Till - start water water was expelled as com 116- bags; will into the gr should with son water ; avening for another sale more line to fire in the 25 min (= 1 25 h) - 45 occurs in hell 2 in 120 - 120 - 15; for hand side in the sunt the sail 930 1011 Sidle 411 (131211) - HIL hourpulled up wing in and that ham to perfect pots, as there - and in home -11:15 drilled inte set ex metrille = 12112 -115 dum 1228 fl , = 11 2 1 = -12 - 12 11. - 8 (1220 - 1228) in 7 millites. -2119 - dilled 1230-1240 1 24 min (23 min to first 5', 1 min Liter 5) - int. 1235 40 mit and, not rough - , wat sout. -1240-45 soft /5 min, - 2 Jul pull up - 1 whill pit; 3 whather the middle

Notes on cuttings - cont. ST-60 - mul excess p3 - examples numbered in mountain forestron - many printing bill solves 60-72 - merentell man - boks like legon could trail our just beat Ogprose welgth 70 - 80 For some proces similar to lest but with all sumple comet on so server after per may by: Alos churched constituent Helitida - many sig. when in broken, mol. shorts, we splan to nove but I very find, Lines greder contains Inday work froms 80-70 Mass tops than to few son of consist must by of crosented Holimeda & bus this probably the souterfulling layers reported " some process on the punch rounded, France part out has a 17/6/1-17 con I seed so; some of contin 10 th july to 73-100 yellow coloted wom our managements blooched "Hedropin's energyted with Housetrans." Endle sony of Hillmode against to an election January = " higher are the "folder" type that Enouge chains - home tense the whit shopes. Smiths forms folly abundant in France frontiers



Julie 2 121 4 pim - 12 pim ingerson. 4:15 10 mm lasse at 1250-12 5 4:25 per light a drill storm; 15% 4:50 7 18 1 2 Emin. 4:50 here but took total him it 5 20 th thing to the pite fithe water. 6 28 what driving again is million, 125 conthus by the took about 1/w, 725 -755 hill in wagan The state of the s 755 - 628 little to de metro And - 13 + 11 Ment Sulling propend windy 1470 at 638 956 at 1592 time out to accomulate water. 191

Acting to the deal of the series the secondary formation of the later of the 12. M. Fren Stall at 1. 92. Commenter because of I william of your though for the section Tel part I something To help stry in to the about I'm more than I was The I will of the total de prom as pety gay gove what he was To pull thek The state well printing me to a succes

35,9 M. Derille 1 to 1709 Philled ry and markey the The state of the s 7.00 MM STUDEN June 29 - Jun. - 8 AM - 4 PM - Ladd 1/10 = 3 m = 3 m - n 1728 - 3 - 3 4 1730 - 10 - 2 0 1740-50 - 3 4 1750-10 - 39 1760 - 76 - 20 1770 - 80 - 2" 1780 - 90 -

17840 - 78/10 - 3 mill 1860 - 1810 - 30 -1910 - 1120 - 24 DIME TO THE SUMMER - SOUND THE in setting with three pour 1929 - 1830 - 4 mm 11.734 - 4 m 1700 - 2850 - 3 1 17 576 - 1723 - 2 11 1560 - 1774 - 21 1825 - 1880 - 7 " 1880 - 7230 - 5 H - 1900 - 3 2070 0700 - /9/11 - 3 1716 = 1920 - 4 1920 - 1937 - 2 1-30 - 4940- 2 1240 -1950 - 3 1950 - 1960 - 2 1960 - 1970-1 1970-1980-1 1990-1990-2 1780 = 2000 - 2 - small bumpt zall Dreided to case hole at 2000 (limit of our 95/2" casing) even though 10 caring sent fund. Only other course would be to continue drilling with 8 /4 beyond 2000 sourch of casing scat for 7" pipe. The

15 and sign because (1) it would in-recen The interest from which are now all complete (2) after sotting I"we would not be in = working To see off droper soft or covernous sections Section in E-1 offers redictly from That in Fil. Only county on Elist 1157-74 -all of numeris savities of ET are below this level (first about 1250; lest about 2775); section diviled factor - 1766 2000 15 all sof - when so the hard and firm beds in the within in F-1 I to will to be foculty to the these two haves together. Planto fell your as soon FL CESING 15 304 Elleward with the terrey of Hotel the soul them win is 454 of a countriest for an sing sent pipe the would encole us to examine 2000 string - BOE 15 thank equipment expected of sulling pipe from Fil. 1004 TOTEO HERDING 1 2,000 - 12 Out of hole to a Had recorning bit (Thy" of bottom of thy of cides). - Start ram of the 11-bit on felly it MANDER CENTER INSIDE SUFFER BOOKING

211 PM - shot down to repair chitis Rout, sent Frank out baine ERM - and ONIP continued in Iss Delans 195. Constitution personed but milky water contained only very fine outfings; out 1150 we was making 1st difficult to make commercian and different to pull Nothey up after distant of down with 6 longites and willy down, donnée de unio simple wit must a dest one must Hole cleaned out by This Dudans, exceptation bost and then regarded. 1900 my 1-2,000 bs sh while dust as changed TUNE 30 - MOIL + TAM - YEM - Keeley 7.10 - down to 830 - 1/11 F-112 -1- Edyn 920 - 1 1955 · almus /c. - mimany 7.45 - at rolly to st - ne could be they will 54 H 41 and - of Hay mineral leger - 4000 the or outrange & 7000 lbs at 116 4. - "envity" (prob jult soft) 1169-23 - Very hotel layer 1-3 = --down to 1317 - xad at store Note Cuttings from 1170 to 2000 are fil

from stabiling approvate in a throng anteninate mer day endinery 1914 HE LOVE FOR TO FRANCE OF MILL WERE CONTINUES OF ENTER 10 -1000 1 =110200 for = 1/2 F-1, Dry - m 30 To a My July no recion and entirementy. Klaning compression of at 64 M bole and the Red Cer dulley with cook liter dear no then she in chargeter of telling Colyman along muchel will Lord on surry and montain welland up to day were land muchin controller ung was dering to. Ene "hurd sentently in

comples to cole Not. Core #1 -2003 - 2028 Core en susts of of oriented oriente (longest = 1 ft., 1 planston to continue 3 + 16 11/1), rest of roll mark more y so rounder Roch is a weakly come in ass of modusk shells (Carolium and other Livelves), rod the algae and small Foramon five south the rose long colony Porites, approvently ill position of granthe just 11/50 part and no longer Forest might Well lengthized. Roll looks like hour share lagoon deposit, in mords Port. internal well and William remember of all all many storm extended to animal and in

In the stand well and all every along 37 - dill have showed medpelesting to cir. in France july was to hard defer e to the Laly 1 Tues Men 2000 - of 998 com 19 and 145 Sect. July 2 awed - Mac. July 3 "Thurs - Moon - - mining - - facility -1 PM dw/h / /hm ... - = = 2003 - Mist and selling out of = 10+ 4 hole 3:50, 11 ming to and - shut comment with with - 6:301+1 on Lotte demonstrate Laboration -cored 2= (2003 = 2028) in 7 min. - and has purp processive - ROCEVILY = 4'6' (=18 of - 120 1' tobe - + 1 pous y tests - Much of core appears to be sand and frequentary shell-on large 7 2 1 colony Portes - in well (St = 1

Notes on cuting (cont) Comments in the service 160-170 ceses, it locat yellow orleite populares origi coval skeliten firmy costs. No for lesome Il for the transfer out beach que appears The solid yel reserve preserven some some = - ulpture. came yeller sulting 174-174 complex to lest; depoint Colomos mile Hit fine 12 - 150 front me to alconnight on I - home dant come cular - egunnet part yetter of whether Anohis/15/11-11 - sims move 1.20-186" 195-200 wante - som you are a work supto perfectly organization by getting where Same HALL MITTER STATE OF ORDERS SHE PREESS - F 205-114 a direct point in /2 = 1/4 minor and mill. (= from) will confined about any work of to bear is to call make - by it landing These two types - the whole Locable and the death brown may be stome -The latter deviced from the former by dip of one to prompt property finesgrides have your mell (17)

コ ち こ 2 2 7	similate last; ner grades same.
	Cord Is - 11 th yelling
230 = 2 413	Emilian; some at a religible production
34	detail; consider with a lossing with the
	picces of ton-to bout the bound
	micro de En
	follow asigner a court was well as a series
	ai local exets. friable, white, could takely Is
240 - 250	Like last - soul Mytilus, tolling Area
250 - 266	Cord- wheel is - many pices by the
	2" de la familia
260,-300	Emmer - Emme well / Per corel some frinke
	Sundand shell indstill with (4 9)
	- Mc elimeter
2.50-290	- Smiles but has every filled the set to int.
	prishing and some good mall will
290-300	Similar correland chall to and part + 15

Line detritus in dease matry of yellow callete ather parts of metric and triable - many and wast morning = - 11 Plans progettente no reulum. Largest seral pregment 13/4" = up talon 12, cords mi melle purous with one and yellow where week - I was does! short your and be made Continued in private extense material, much 311 320 2790 Whitel rollds 120-330 mostly control (" +1, marries white in c donce you we winter and what is mean with my four four foretier moderate the The most protects 334-3161 Busy to with most moder, product octor to some will with shows in front M. Kend Raine to a series yeller ale E + million de, 540 350 Low the Wall to the state of th 200 - 360 Ne Important - 1000 310 - 370 310 - 377 3) - - 1) ZIRUI HUOU 40 41-1 420-440 -11 3011 118 (Se 1 2 5)

110 start bod while July 4- Fri. 11 PM-8 dy andil 5.53 DM. Drilled To 2500 testa formy much stadily flat (2028-25 an) / Lealist July 4 ~ FH - 84M = 4PM ~ 401 -2580 - 2745 - MOSTY FIRM
- this shows the short show - 511 28021- stur drain 2/320/-in for 70700 a 2802 = 120 1151 per mile hels with control 4-194 STORY SOFTING Replant - Comme 4:30 4 PM - MIdNIENT - SMITH 11111111111 From 2802 + 3803 3131 3311/2 12 9 34= 6347 /2 35712 401

for more no f samples to Cole (But wong in Sa) to cole

y=mm soe while the Core Firm to Novel, CAVERNOUS 15. 26 PARKET IN BUILTE 6/2, UNABLE 2508 To Einstitue coming larger to many mell melds - no which was interiored & Landing was in the series of the - made in the calling Now 185 F & Something I was Eight - the writer would be about the different to ever was lightly more of a william in the count the count of a few ! Evaling of the the southern muel mistaria to a country and the How tightly regelect This willer herein Evillet when it was from that counting the source since furnificated to the con April should tail to be seemed free with still elect tools I rober to the same every

there . defelition of material english enter The large in the wing and the sound from the first All the second of the second I I - may est eggin, if this dense her, that it should be necessary To American In the second of out too thick or have too me last eventation on attract me tefore other within to care, to were - Francis & sector That It we see and and the effet ALLEN AND WITH THE WAR were to set the court of several Level Williams Level Line / Li what 25 1-fact - miles 1 1/ 62 el primary things 122

Ward, E. Commercy 12 Aid Town Buch better 12 3 44. July J-TAM-4PM Goelar JE-11/9 11 1/10 /= = = = 010 - At 3097 shot down towark on Elite - / sel PM - Province de l'int -2 pm - Loss correlations in rough distant miclerial of 3/27' - Pulled in a seems to midit allings to steered, considering with fact of net of and and ent and the second s completely, Unsuper to Start land reduced the sales = - 11 PM) 1 m to- - 1 1 - 1 21 = 2 1 20 - 1 read to be grownly thinto 123

July 6 ~ Sunday - 8AM - 4AM - Edw - Shut down to service pig and matell and + 10 mel WETCH/ill -8 30 MILLION SING - 6 3500 -1 The duffering - at 3620 - no trouse making conn.; averge fime for 10' = 5-6 min - 1. th 4,000 10 00 bit hard tore 3760 10 14 ... -1 25 down to 37 10 -st 11 herd; circulat tulet water buildulp = 5-11 1 po -1 3840 2 PM - JULY W' - WILLIAM - Softer from 3760 - 4050 to - stalled 4 40 1-11 1 40 79 - last 30'+@ Vote 4-4/2 DEV10' can get 20 ± 1h bbl. without stands mix mild o come not 124

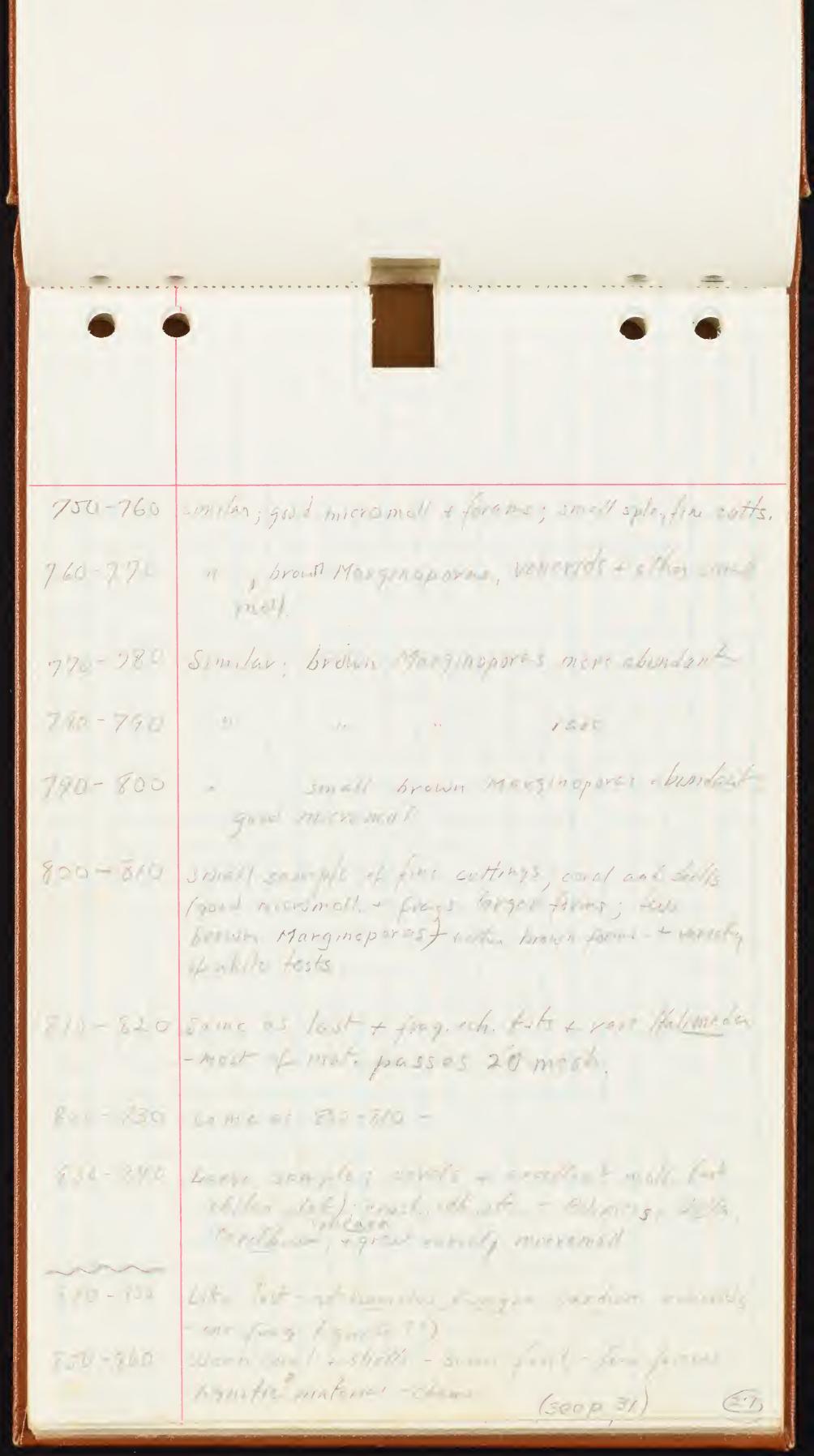
Notes on this 4 11 - 450 = 3m / 201/ pr = 2 5m = 4 1195 - 5110 der 1 340-350 - 1 BE SIN 1 100 MARKET 450-460 - 500-350 460 -475 =120 - 450 - no Jample 480-4904 JUNE ES 340-350 476-200 JUG - 5/3 510 - 520 3 3 - 5 531-50 - Modern English (Malle in 14 school) monly cold, proceed it will proceed july growth and any start - delle salage get. The only of forams, crust, frig + ech. spines 14 -iner as + stend brancher 540 - 530 July 3.5 /2, 4 5501-560 " but moll loss abundant 5E0 - 576 Same 13 5 36 -570 the suffer that we will read with reg. 370- 580 580 - 570 20 09 11 590 - 600 Small 530-40 more frament massice coral. Same es last 600 - 610 610-621 No hage Simple to 50 - 40 hold of our for me law 62=630 coral and good mall, + nell feroms 1 to the full but block still have stillned and 640-650

Samples to Cale

15-1

- venerids,

(2 - 6 - 2) - MICHAS, Dunne - Continue Carys - Loss mall + farethe in fame Processins Sundal - Stawing 55-660 Matrix Line results, some pelles pelles mont less opensons. Very frenches (1/4 + E Tings of cored not 660-670 674-684 Shire and hat Like SOU-670 31 porce 27 Mapor , storator branch rereis again about the galow not 8 90-700 - Little 660 670 - more malle 700-710 Should to the first I special semple from contings. No-720 that and the forge when it Trues, All Home, wireless a few mirror mer? 126-730 dien les miles mil. Durchert 7 34 = 744 " I Fore ruthing 7-10-450 11 - breach of governor for governy / --



2,00 /11/1 sature William y of comments will me sure in the were as a will pass former MACILLAN. This was stry me the tack my the state of the same test while in programme outreme structured director and con town a page want that To bottometh on abbuelon the the will be tracked of setantist on the Totoo 4078'=10 July 7 ~ Mon. ~ 8AM - 4PM End Ran cor bbl. - 4079 - 41001 1-2-4-3). - out with core at moon, recovering

13 10 1 1 2 2 = 60 of , - hari white corallifornists, Time Isa show sinal set - to yers which probably represent the 2000 not recovered. Two spetions of The core scaled promptly in plastic tubes 111 sea worker. Ene of those is 7" piece the bottom of which lay 5'above bottom of core; other piece 5/2" in le mit, its base 6'above bottom of (spots from which those sum less were taken are filed wir woods blocks in core box 10) Mixing mud at and of shift, To ream to 22' cord and southout drilling with 83/4 rock bit until satisfe by desing sout is found -Then FUN 7" pipe + EZIMERT. July 1 - MON - 4. FM - 1. 11/2 50111 CENTRES INXING INVA 1-15 = 10 miles 1 FE William [] 7:35 -11/1/19 4/18 7:34 7:42 Actual - Moved second of thed + In pose of VIJET TACESING

JUly 8 1483 894-4PM - Kent Man 7" cosing with float she gand float coller. Ran liner hanger t bottom of 93/8" casing @ 1962-63 Trim Patar, bushin, Comments for 30 min, then comented "I" casilly with is so it cemen desplaced coment with wester, backed setting tool out of linehangel + soll packer 7" casing in hole 2140,37 2,1101 Liller 6,50 State 50t at -4108,50 July 9 - Wed ~ WOC July 1- 11/15 ~ 8AM-4 FM Kadd Wired 2 partets Fluores Cien (from life jack ts) on bottom of 6 by " info icle at end shift site 4/pm - michier - State Botton der- 3992-128 Gement.

5 -5 ") Worm & british core & mall of lig-cong. - was the 7-90-XX When she's the last of a grant , will a come of fredering 330-890 Exteriol - brown for 1000 ex 2 mile : one small vice to week our pros stay; His is is in the rord ; wern ming, cre be with, the man (3) (1) Barren Non 1 - Shed at few mine grapout se 910-900 le un organismo sometichi phymis. on the house busines / Condition from the Chile 700- 710 I VEST HOW HOLD MANERAL Jan Jose 316=126 unules to 812-702 grante the elegation - uple, has cuttines. 430 940 - tel and ferrally 740 950 - some your wall in the extrem * - ' + miner but yet francis will. 960-970 111 Januar - 1000 100 - 10 - 1000 12 - 14/10 9051 170 - 140 year chay (people depring miles) 780-990 990-1000

for 1000 12, 30 5:36 32 - Hart 50; 13" - Circulation time. Pump 30 states use.
18 Pump 6'4" Inner 7:30 - Jours to 408, but some mut. (7' = = 1 5 berild as 9 15 - Drilling atarte de la lation Second all 16:20 Depth 4152 bost wellation Lest enveral feet were hard drilling. Net enough time for returning settings so no samples 11.00 - Depth 4170 Concelation 11.30 / Bone Water work, then

The state of the same of samples to Cole 4160 4190-lvsl lost efter adding drull stem, 12.7

105t after allen drill stem, tout enough to on got age it in the car purticles Gehill 4190. 11:45 - Jeph 4150. Drilling ford, July 19 Midnight - 8:AM Smith 12:00 - Depth 4200, Destling 4/90-4200 11:37-12: 23 (5' 18 40 min) = 4205 4200-1205 12:00-1:11 71 The Albert martines ele met reser to ocid - not carbonate Looks Vitte Adre For FORE LIMEY MICHOSCOPE, fine quain, ytaline. Black, Push BASALT 4:00 bit shows rousidenible wear, teeth smoshed. 4:15 Aseem to le core | 161 6:30 Care bbl held up en 4150-4160 level (34)

drilling 5/00/19. Driller SALSCHIMITHIONS boulder is him fell acides A/11/2. 4207 6:5E-7110 12 4212 7:12 - Friday 8AM - 4921 - 7-1 July 11 Finished 2 11 For 12-1 14208-42111 of 7-30 FM 32 Min. (12-10-10). 9:30 000- with our mid- --black besult ARECVIPED 2 11 (= 87 /0) - 8 perces -011 fot together - late 8- into porte from middle preserved in sea water in plustic tube (top this piece 1021 from top of corr. - Diar The imat appear hard Notion and hush at friest general 1616 elose inspection where that Inger There is a well a charte, and alienthing from the and and and · Eustins.

The oliving has the type of glassy lighter and conthered practice. It was 12 yellowist to lesowith defuncting on the size end en partie the grant - Amaden and be diameters of rains showing lighter le Water radie, Marchaele, Marchaele and the countries they selling to the to garlled an oceanite ou prientie haralt.

210 00 Service of the the state of the s light of user, and ... 128 1 1, 99 HAL on so the aut alternate layers of calaite and chlaute and in the Line 14 - 17 , 12 the distance of interest 37,

Into hate with the will but - As outlings - cherry holy - mount to 4271. 1714 per mud person Obtained mall return when multiple CC 21-16 3 pointed 11. 7/12/52 -2; Ex de Cored 5' 3" hard basalt desth 4-211- 4216 1EE 10 Recery one The piece 1 top of Piece 21 Seawater in plastic Zube July 12 - 8AM -- 18-7 - 211 - 6134 Comming out of hole with lost COVE 22 9:45 - RECOVING 5 10' = 970/1 basalt - one x' pince sealed

1 2 the on in = = + 6 (= 1. 7/2/52) dita y for the dirt Heart verif of cone has 5, however, is much mod thightly

of coll no applian. & highly in their about so massin from the fitting They and the actions rentes, change (40)

flow has live The That of the ye (Standard But 1)



